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Substitute for form 1449A/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/772,009
				Filing Date	February 3, 2004
				First Named Inventor	Francis CIRILLO et al.
				Group Art Unit	To Be Assigned
				Examiner Name	To Be Assigned
(use as many sheets as necessary)				Attorney Docket Number	000479.00125
Sheet	1	of	2		

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
26	AC	S. A. Kuschel, B. Howlett, S. Wei and S. Werness, "ASARS-2 Complex Image Compression Studies Final Report", ERIM, Mar. 1997.	
26	AD	G. Poggi, A. R. P. Ragozini, and L. Verdoliva, "Compression of SAR Data Through Range Focusing and Variable-Rate Vector Quantization", IEEE Transactions on Geoscience and Remote Sensing, vol. 38, pp. 1282-1289, May 2000	
26	AE	I. H. McLeod, I. G. Cumming, and M. S. Seymour, "ENVISAT ASAR Data Reduction: Impact on SAR Interferometry", IEEE Transactions on Geoscience and Remote Sensing, vol. 36, pp. 589-602, Mar. 1998	
26	AF	U. Benz, K. Strobl, and A. Moreira, "A Comparison of Several Algorithms for SAR Raw Data Compression", IEEE Transactions on Geoscience and Remote Sensing, vol. 33, pp. 1266-1276, Sep. 1995	
26	AG	J. Fischer, U. Benz, A. Moriera, "Efficient SAR Raw Data Compression in Frequency Domain", IGARSS'99: IEEE International Geoscience and Remote Sensing Symposium Proceedings, vol. 4, pp. 2261-2263, Jun. 28-Jul. 2, 1999	
26	AH	P. Eichel and R. W. Ives, "Compression of Complex-Valued SAR Images", IEEE Transactions on Image Processing, vol. 8, pp. 1483-1487, Oct. 1999	
26	AI	S. Peskova and S. Vnotchenko, "Analysis of Complex SAR Raw Data Compression", CEOS 1999	
26	AJ	R. Kwok and W. T. K. Johnson, "Block Adaptive Quantization of Magellan SAR Data", IEEE Transactions on Geoscience and Remote Sensing, vol. 27, pp. 375-383, Jul. 1989	
26	AK	G. Schirinzi, "SAR Raw Data Compression Techniques", CEOS, Oct. 1999	

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000479.00125

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JP	AL	A.V. Oppenheim and J. S. Lim		"The Importance of Phase in Signal", Proceedings of the IEEE, vol. 29, pp. 529-541, 1981		
NP	AM	Randal C. Reininger and Jerry D. Gibson		"Distributions of the Two-Dimensional DCT Coefficients for Images", IEEE Transactions on Communications, vol. COM-31, No. 6, pp. 835-839, Jun. 1983		
JP	AN	Julia Minguillon and Jaume Pujol		"JPEG Standard Uniform Quantization Error Modeling with Applications to Sequential and Progressive Operation Modes", Journal of Electronic Imaging, vol. 10, No. 2, pp. 475-485, Apr. 2001		
JP	AP	Gregory K. Wallace		"The JPEG Still Picture Compression Standard", IEEE Transaction on Consumer Electronics, Dec. 1991		
JP	AQ	G. Mercier, J. Mvogo, M. Mouchot, G. Cazuguel, and J. Rudant		"Compression of Temporal Series of Registered SAR Images", CEOS, 1999		
JP	AR	Bing Zeng and Anastios Venetsanopoulos		"A JPEG-Based Interpolative Image Coding Scheme", IEEE Publication 0-7803-0946-4/93, 1993		
JP	AS	James W. Owens and Michael W. Marcilllin		"Rate Allocation for Spotlight SAR Phase History Data Compression", IEEE Transactions on Image Processing, vol. 8, No. 11, pp. 1527-1533, Nov. 1999		
JP	AT	Norman B. Nill		"A Visual Model Weighted Cosine Transform for Image Compression and Quality Assessment", IEEE Transactions on Communications, vol. COM-33, No. 6, pp. 551-557, Jun. 1985		
JP	AU	Andreas E. Savakis		"Evaluation of Algorithms for Lossless Compression of Continuous-Tone Images", Journal of Electronic Imaging, vol. 11, No. 1, pp. 75-86, Jan. 2002		
JP	AV	Dorian Kermish		"Image Reconstruction from Phase Information Only", Journal of the Optical Society of America, vol. 60, No. 1, pp. 15-17, Jan. 1970		
JP	AW	John A. Saghri, Andrew G. Tescher, and John T. Reagan		"Spaced-Based Data Compression Issues", Journal of Electronic Imaging, vol. 3, No. 8, pp. 301-310, Jul. 1999		
JP	AX	N. Beaucoutrey, T. Seren, D. Barba, and X. Morin		"Data Compression for Transmission of Polarimetric SAR Signal by Vector Quantization--Performance Evaluation", CEOS, 1999		
JP	AY	Hans Marmolin		"Subjective MSE Measures", IEEE Transactions on Systems, Man, and Cybernetics, vol. SMC-16, No. 3, May/Jun. 1986		

Examiner Signature

Date Considered

1 - 10 - 2006

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.